



Dynasty[®] 210 Maxstar[®] 210

High-Quality, Versatile
TIG Welding Solutions

Setting New Standards for TIG Welding Performance in the 200-Amp Class

Continuing the long legacy of dependable Miller solutions, Dynasty 210 and Maxstar 210 welders deliver even more of what you need to get high-quality work done — quickly and easily.

Exceptional TIG and stick performance in easy-to-use, versatile, portable machines. That's what you expect from Miller. **That's what you get with the new Dynasty 210 and Maxstar 210 welders.**

Easy to use

All models include Pro-Set™ technology:

- Pre-set welding parameters
- Speeds up setup time
- Eliminates guesswork and improves welding results

Easy to update and expand

- Front-panel memory card data port
- Fast, easy software updates and feature expansions

Class-leading portability

- Stand-alone power source weighs 50 pounds or less
- Dual carry handles and a carrying strap enable one-person transport

Improved performance on aluminum

Available on Dynasty 210 DX models only

- Revised starting sequence improves performance on anodized aluminum
- AC frequency control allows adjustment up to 400 Hz for a more-focused arc that's ideal for thin materials
- AC balance control allows adjustment to optimize oxide removal (cleaning action) and reduce head on the tungsten
- Lowers heat input for less chance of warping/damage



Dynasty 210

Improved performance on low-amperage applications

- More stable and consistent arc at 1 amp
- Ideal for aerospace, microelectronics and medical equipment applications

Auto-Line™ power management technology

Connects to almost any type of available input power and produces a steady, high-quality arc — so you can work in more places.



- **Universal location flexibility:** Allows operation on primary current ranging from 120 – 480 V, single- or three-phase, 50 or 60 Hz
- **No manual adjustments or linking mechanisms:** Makes setup easier and adds flexibility to work in many different types of locations
- **Better weld quality, uninterrupted protection:** Even during significant primary power fluctuations, Auto-Line technology maintains steady welding output for consistently high-quality welds
- **Draws fewer amps:** Allows work in more locations; reduces load on worksite generators, freeing up power to operate other tools



Maxstar 210

▶ **Wireless remote compatible**

The new Dynasty 210 and Maxstar 210 welders are fully compatible with Miller wireless remote control solutions — so you can work the way you want.

- **Save time and money:** No cord tangles or failures
- **Improve weld quality:** Precise operator control
- **Get more done:** Work faster and safer
- **Experience convenience:** Up to 300-foot range (with hand control) and long battery life



▶ **Cooler Power Supply (CPS)**

Available on select Dynasty models; standard on Dynasty water-cooled packages

- Integrated 120 V, dedicated-use receptacle
- Designed to power the Coolmate™ 1.3 on and off with welder
- Cooler-On-Demand™ operates the cooling system only when needed — reducing noise, energy use and airborne contaminants pulled through the cooler

There's a Dynasty 210 or Maxstar 210 that's right for you.

Polarity	Feature	Dynasty/Maxstar 210	Dynasty/Maxstar 210 DX
AC*	Balance	60 – 80%	50 – 99%
	Frequency	70 – 150 Hz	20 – 400 Hz
	Waveforms	Soft square	Soft square, advanced square, sine, triangle
	Pulse frequency (PPS)	No	0.1 – 500 PPS
	Pulse peak % time	No	5 – 95%
	Pulse background % amp	No	5 – 95%
AC* or DC	Sequencer	No	2T/3T/4T/4TL/4TLE
	Start parameters	0.20, 0.40, 1/16, 3/32, 1/8	0.20, 0.40, 1/16, 3/32, 1/8, general
	Preflow	Fixed (0.2 sec)	Off – 25 seconds
DC	Pulse frequency (PPS)	0.1 – 250 PPS	0.1 – 500 PPS
	Pulse peak % time	Fixed (40%)	5 – 95%
	Pulse background % amp	Fixed (25%)	5 – 95%
New Features	Pro-Set	Yes	Yes
	Expandable	Yes	Yes
	CPS available (Cooler Power Supply)	Yes*	Yes*
	Cooler-On-Demand	Yes**	Yes**

* Dynasty models only

** Only available on CPS models

More Quality. More Versatility.

*Get more of everything you want
in a TIG welder.*

The new Dynasty® 210 and Maxstar® 210 welders are designed to address the challenges you face every day. They deliver multiple solutions to help ensure the flexible performance you count on — so you can complete a wide variety of jobs with outstanding weld quality.

Learn more about how Miller is setting new standards for TIG welding performance in the 200-amp class.

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